

## Product datasheet for **AR09135PU-N**

### Glia maturation factor gamma / GMFG (1-142) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Glia maturation factor gamma / GMFG (1-142) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MSDSLWVCEV DPELTEKLRK FRFRKETDNA AIIMKVDKDR QMVVLEEEFQ NISPEELKME LPERQPRFV YSYKYVHDDG RVSYP LCFIF SSPVGCKPEQ QMMYAGSKNR LVQTAELTKV FEIRTTDDLT EAWLQEKL SF FR
Predicted MW:	16.8 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl (pH 8.0) containing 1 mM DTT, 1 mM EDTA, 10% glycerol
Endotoxin:	< 1.0 EU per 1ug of protein (determined by LAL method)
Preparation:	Liquid purified protein
Protein Description:	Recombinant human GMF-gamma protein was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001287937</a>
Locus ID:	9535
UniProt ID:	<a href="#">O60234</a> , <a href="#">M0R1D2</a>
Cytogenetics:	19q13.2
Synonyms:	GMF-GAMMA



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**Summary:**

Glia maturation factor gamma (GMF-gamma) is a cytokine-responsive protein in erythropoietin-induced and granulocyte-colony stimulating factor-induced hematopoietic lineage development. Also Glia maturation factor is a nerve growth factor implicated in nervous system development, angiogenesis and immune function. GMF-gamma possesses hematopoietic tissue-specific gene expression, a promoter concentrated with high-score hematopoiesis-specific transcription factors, and possible molecular coevolution with a rudimentary blood/immune system.

**Product images:**